

Mr. Miller's Astronomy Class

Project #05 = Star

Part 1 = Report (50 Pts.)

- Star Type (10 pts.)
 - Name and 2 examples of stars that are that type (5 pts.)
 - Explain how the naming system for stars works (5 pts.)
- Temperature, Luminosity and Mass (15 pts.)
 - Explain the range of Temperatures that fit the same type of star (5 pts.)
 - Explain the range of Luminosities that fit the same type of star (5 pts.)
 - Explain the range of Masses that fit the same type of star (5 pts.)
- HR Diagram
 - Picture of HR Diagram (15 pts.)
 - Draw diagram with drawing function of Microsoft Word or Insert photo from internet with proper citation (5 pts.)
 - Include solar mass lines, draw & label the location of the Sun on the diagram, and draw & label the location on the diagram of your 2 example stars using the drawing function in Microsoft Word (5 pts.)
 - Draw & label the region of the diagram that fits your star type with the drawing function in Microsoft Word (5 pts.)
 - Describe the HR Diagram and how it is arranged (10 pts.)
 - Explain what property and units go on the X and Y axis as well as how they are measured (5 pts.)
 - Explain what possible spectral classes your star type can be (5 pts.)

Part 2 = Presentation (50 Pts.)

- Visual Aid (35 pts.)
 - Name of Star type (5 pts.)
 - Picture/Map of Star type (10 pts.)
 - Must be majority of visual aid and must be in color
 - At least 4 major pieces of information about the Star type (20 pts.)
 - Remember this is a visual aid designed to get a person just walking by the poster to want to learn more about your stellar Star type
- Delivery (15 pts.)
 - Knowledge of Content (10 pts.)
 - Obviously knows the information about Star type
 - Only uses index card to stay on track, not to read word for word
 - Speaking Skill (5 pts.)
 - Able to speak clearly and look at audience while speaking

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Formatting for All Reports

- Cover Page
 - Photo
 - Photo of astronomical body centered on the cover page and properly cited
 - Title and author
 - Name of astronomical body on top of cover page
 - "by name of author" at bottom of cover page
- Citations
 - Use at least 3 credible sources
- Works Cited Page
 - Proper citation format
 - In order of use within document
- Proper Formatting
 - Times New Roman or Calibri font
 - 10 point font size
 - Single spaced
 - 1-inch margins
 - 2 pages in length
- Spelling, Grammar, and Punctuation
 - Make sure to use correct

Any formatting issues will subtract points from total score